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# PARTS CATALOG

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FOR



## CCK INDUSTRIAL ENGINE

### MODELS

**CCK- MS/663F**

**CCK- MS/1070F**

**CCK- MS/1244G**

**CCK- MS/1395G**

**CCK- MS/1400G**

**Postal Vehicle Application**

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# ONAN

1400 73RD AVENUE N.E. • MINNEAPOLIS, MINNESOTA 55432  
A DIVISION OF ONAN CORPORATION

This parts catalog applies to ONAN Series **Industrial Engines** of the specific models and specifications as listed in the Model Identification Table. Compare the MODEL and SPEC. which appears on the engine nameplate, with the MODEL and SPEC. in the table. Select the proper column in the Parts List.

Parts are arranged in groups of related items. Illustrated parts are typical and identified by corresponding reference numbers in the various groups in the parts list.

The right side or left side of the engine is determined when facing the blower housing (flywheel end).

MODEL IDENTIFICATION TABLE

| MODEL &<br>SPEC. NO. | USE<br>PARTS LIST<br>COLUMN |
|----------------------|-----------------------------|
| CCK-MS/663F          | A                           |
| CCK-MS/1070F         | B                           |
| CCK-MS/1244G         | C                           |
| CCK-MS/1395G         | D                           |
| CCK-MS/1400G         | E                           |

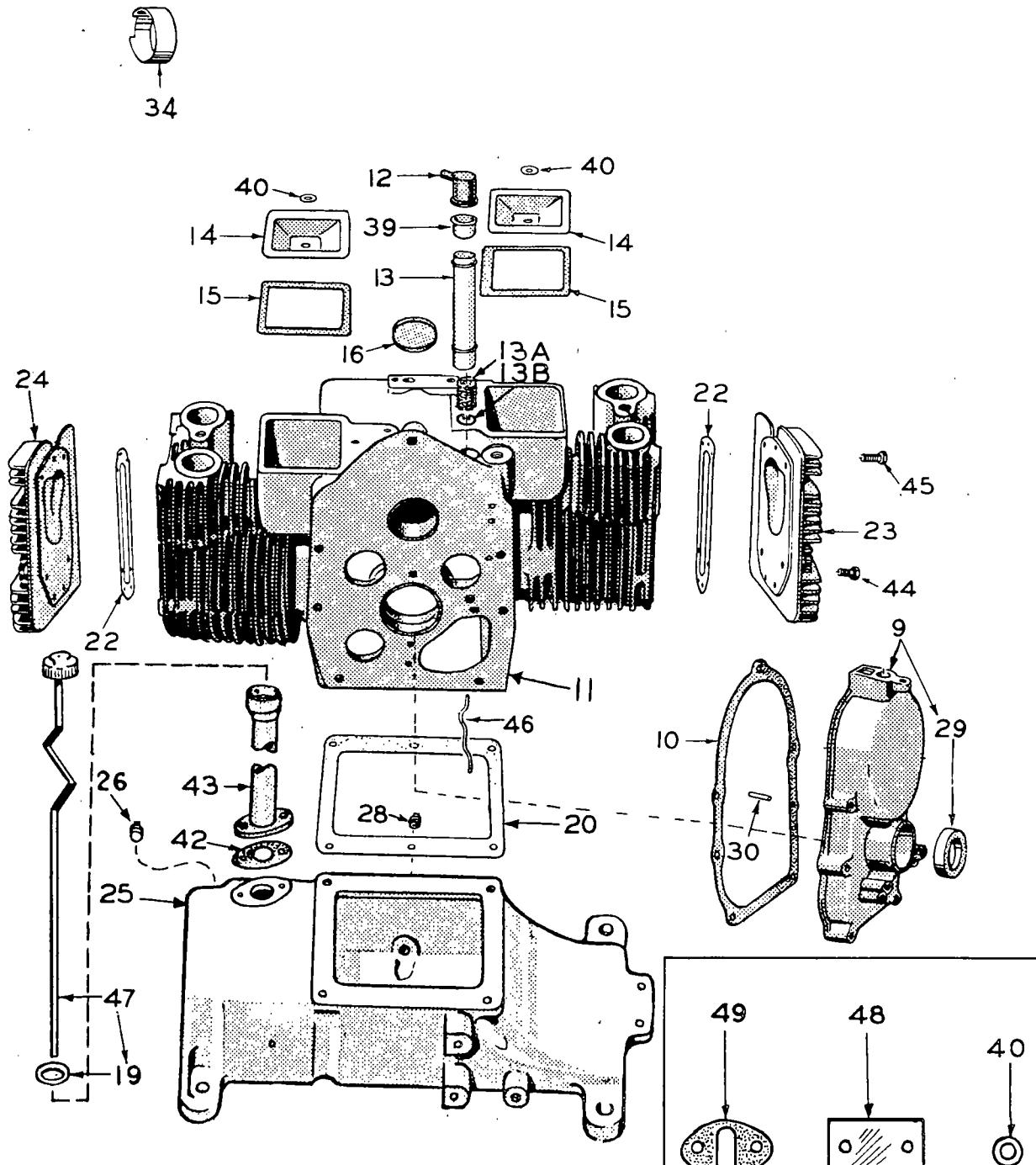
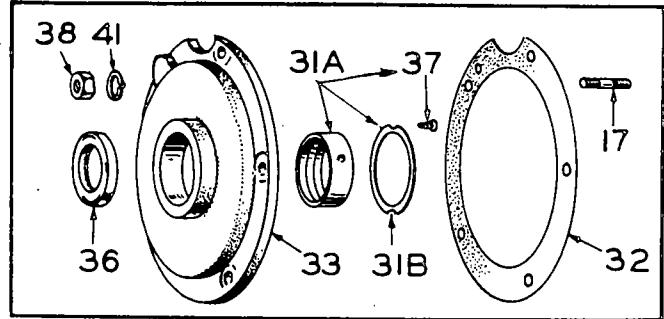


FIG. A - CYLINDER BLOCK, OIL BASE AND GEAR COVER GROUP

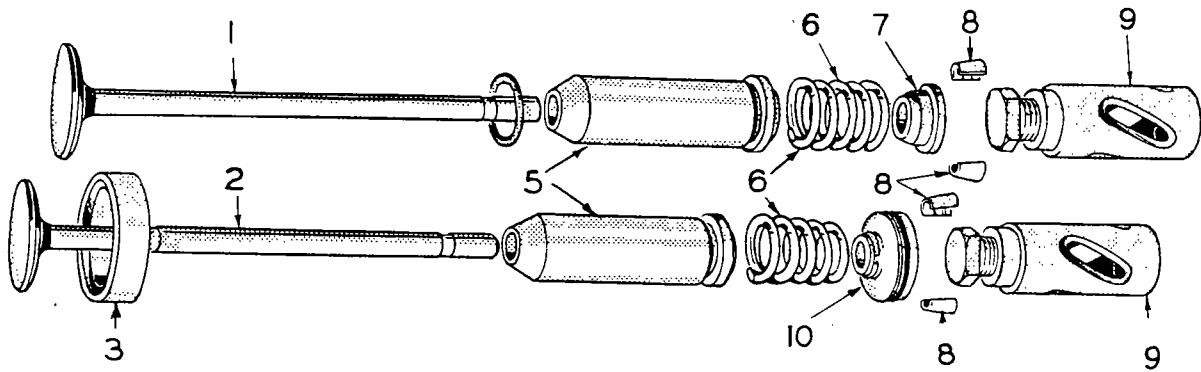


FIG. B - VALVE GROUP

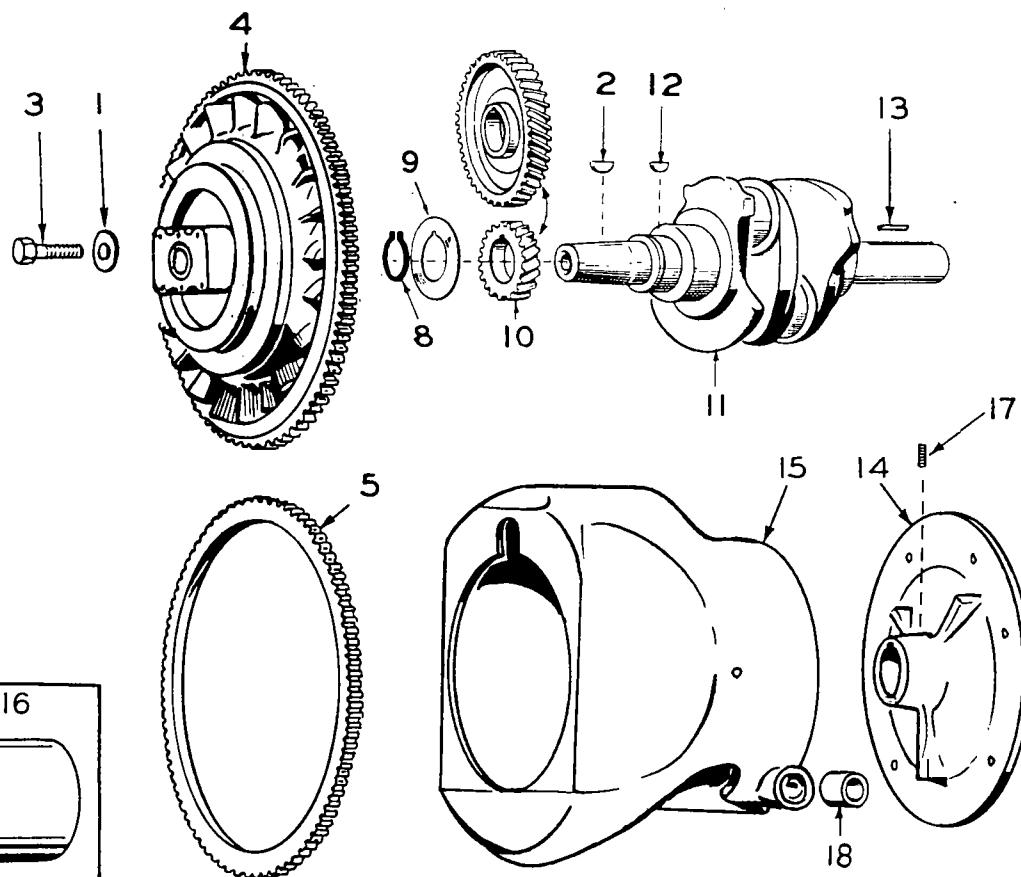
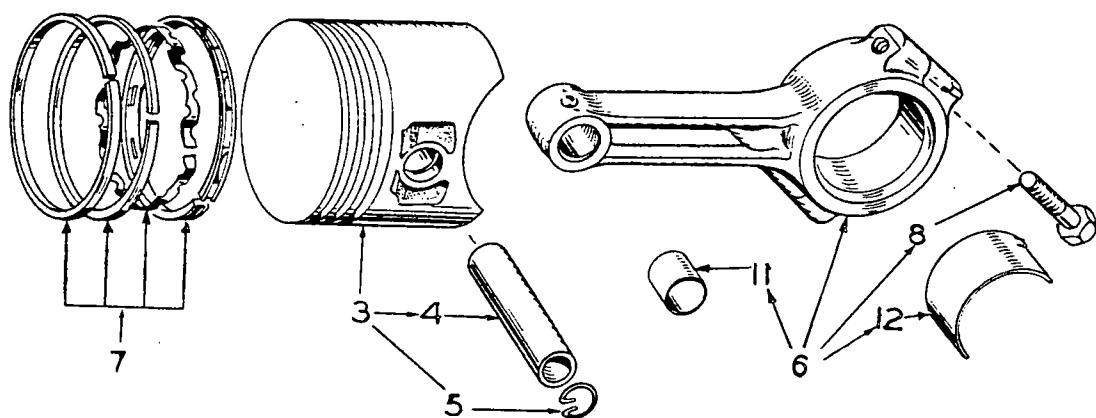
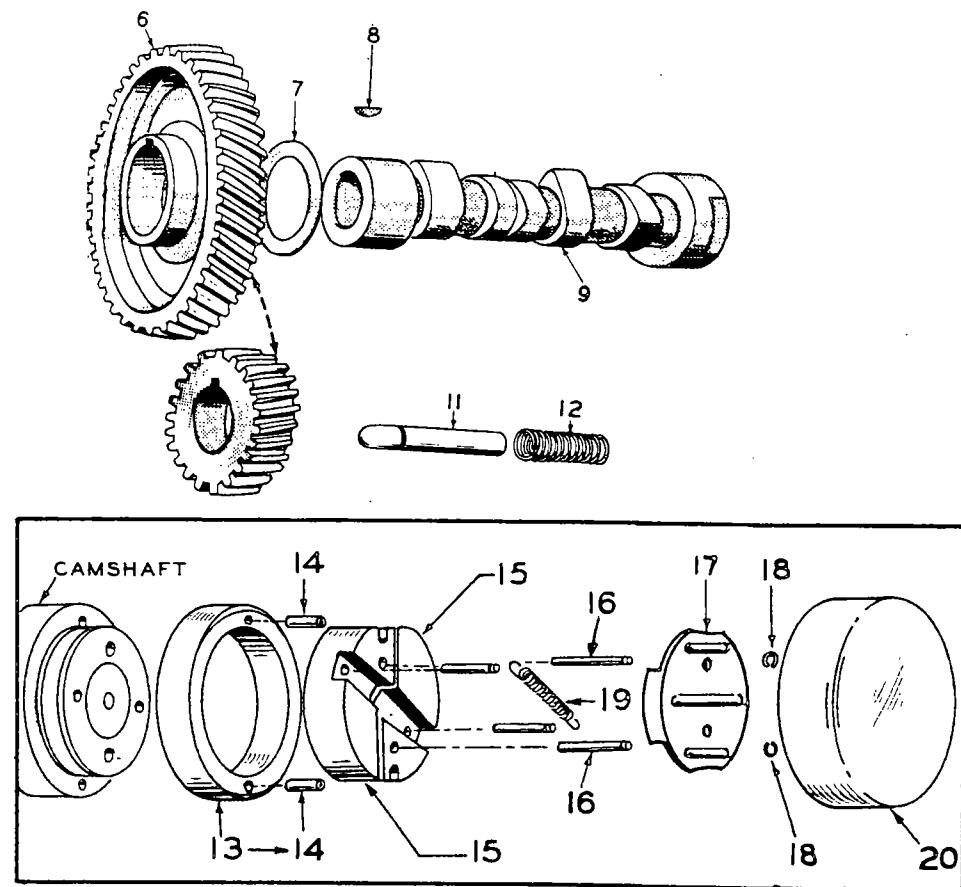


FIG. C - CRANKSHAFT AND FLYWHEEL GROUP



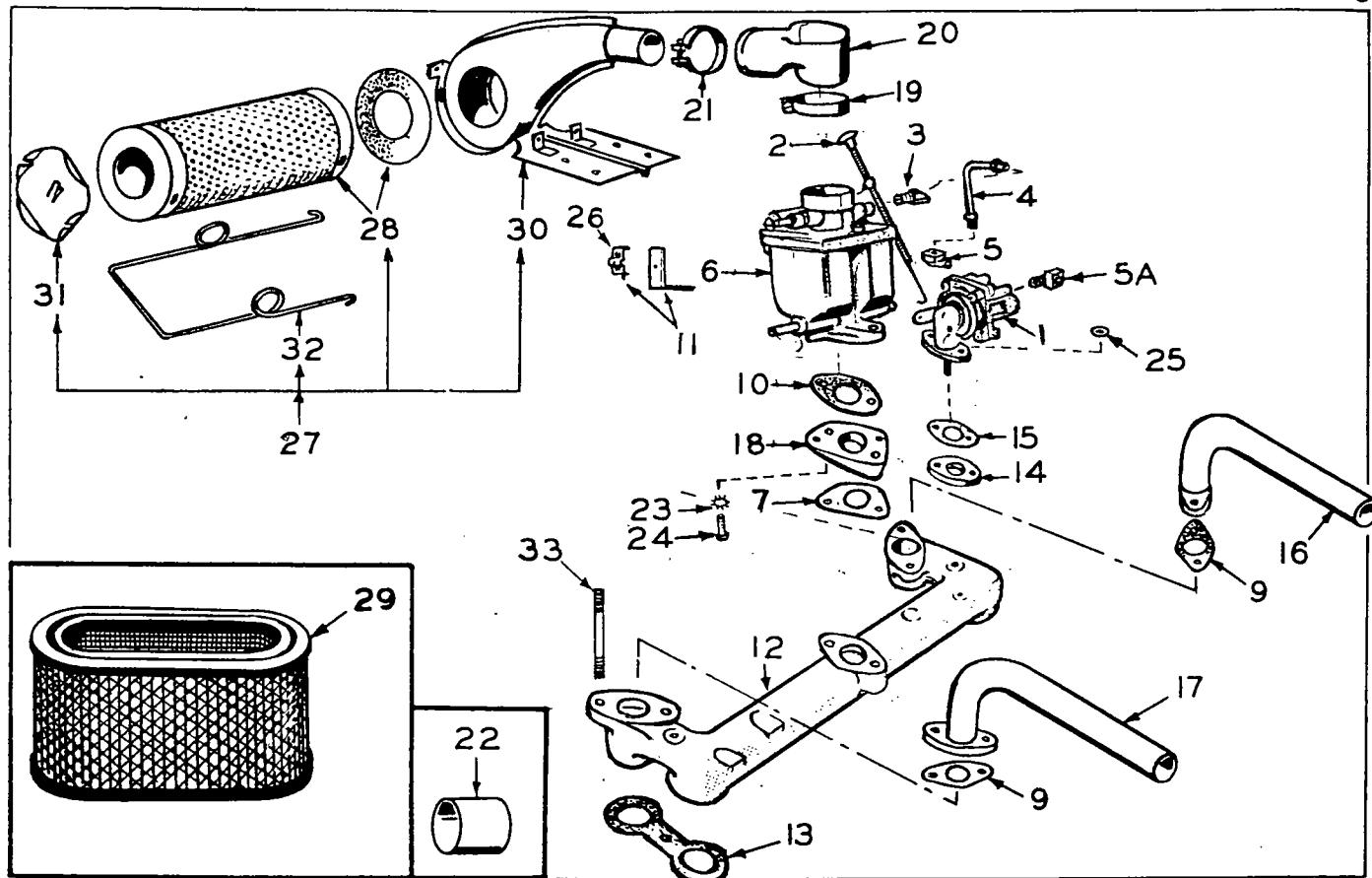


FIG. F - FUEL SYSTEM GROUP

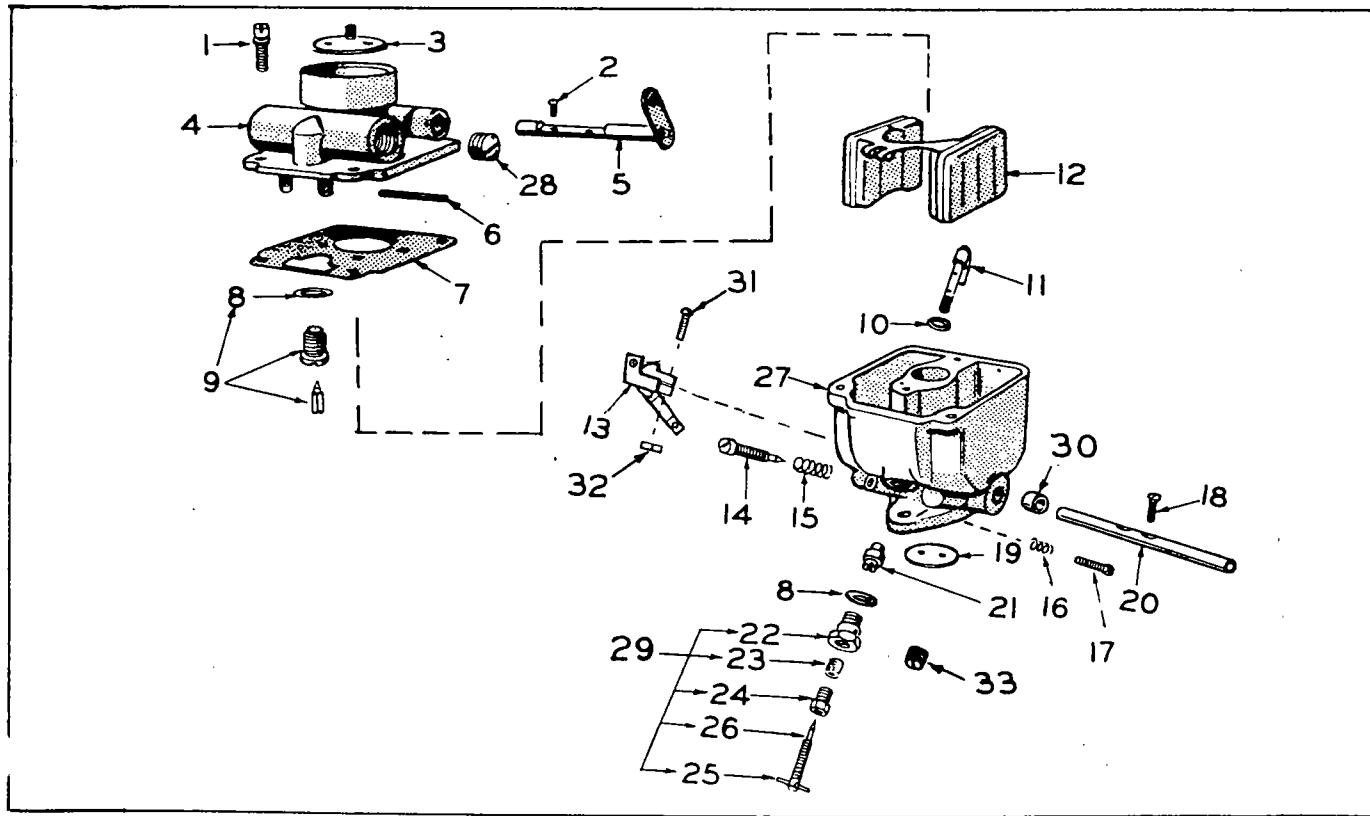


FIG. G - CARBURETOR PARTS GROUP

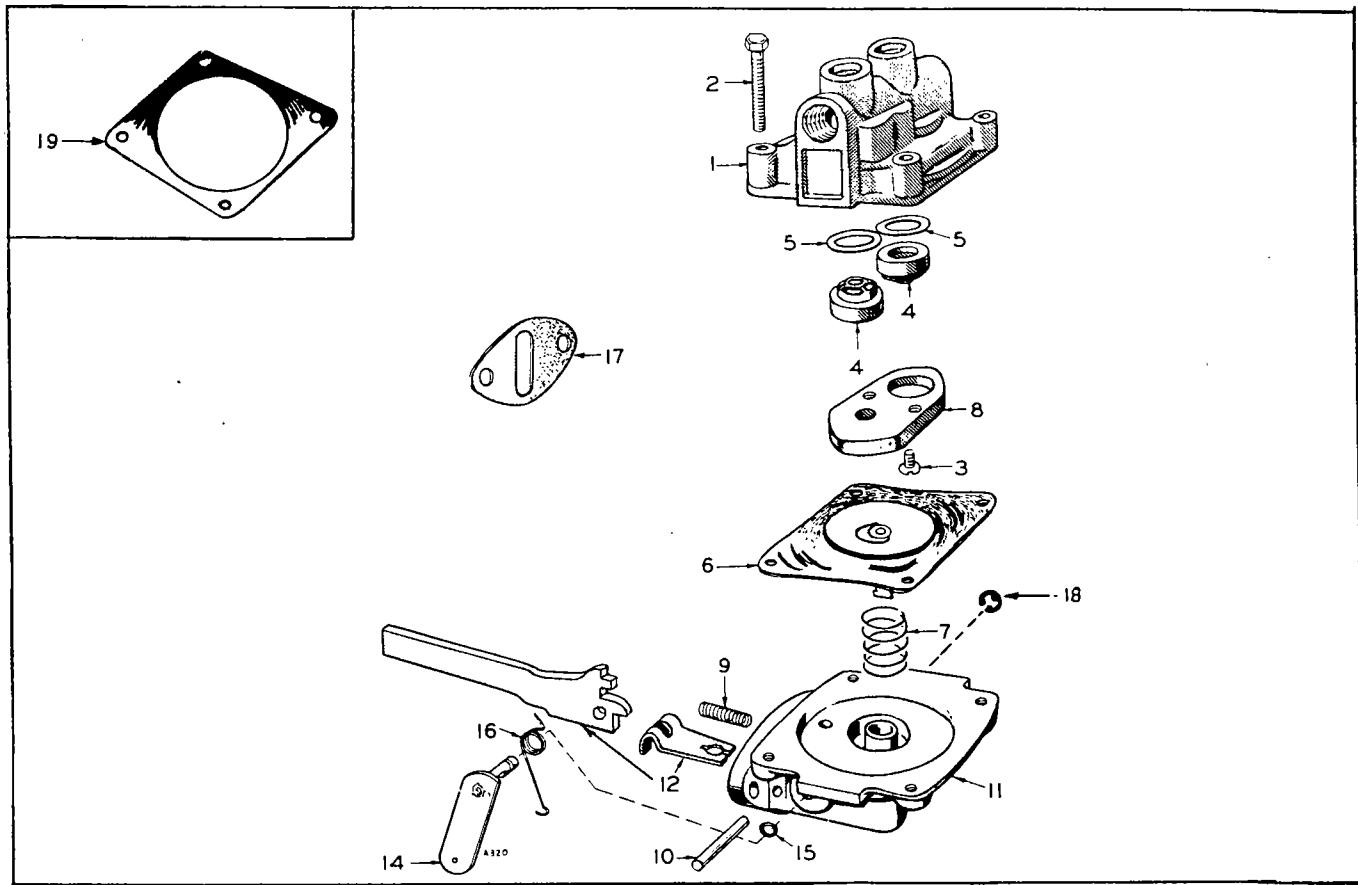


FIG. H - FUEL PUMP PARTS GROUP

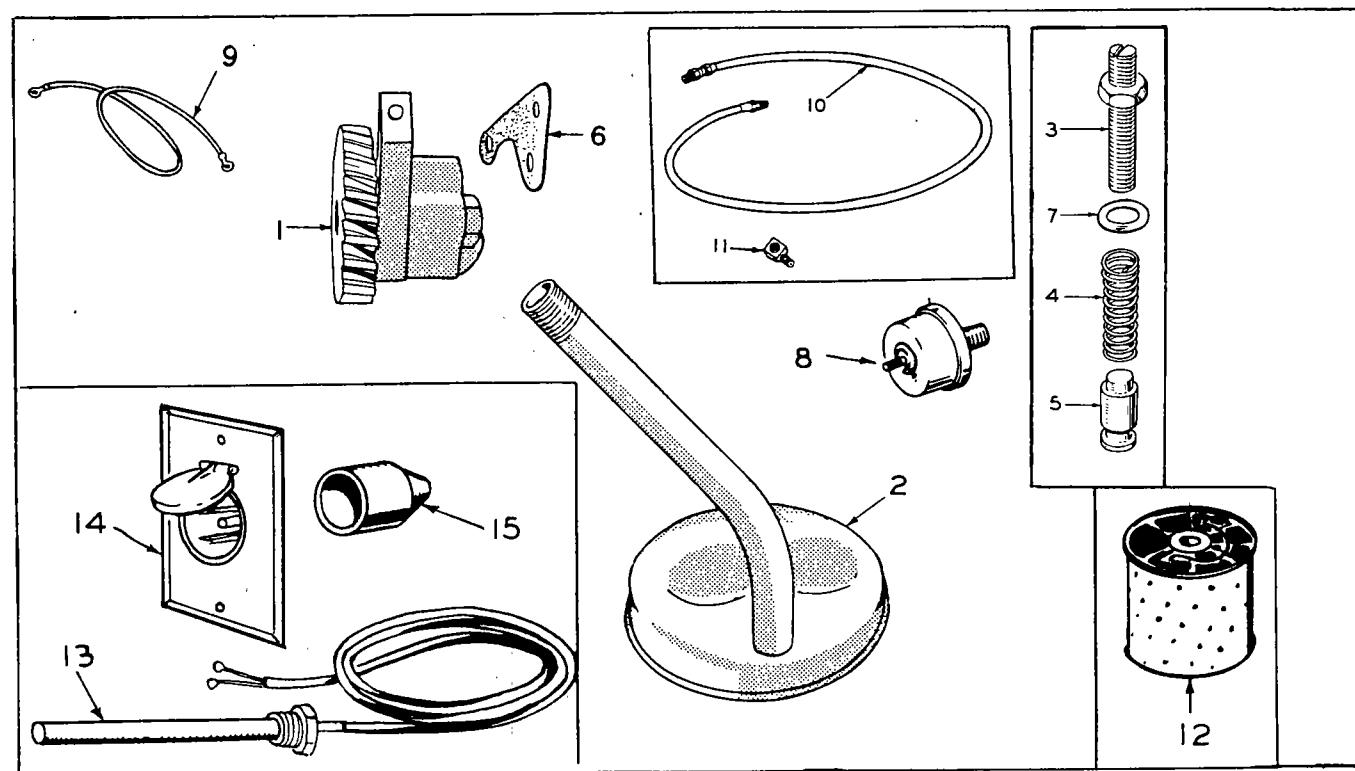


FIG. I - OIL PUMP GROUP

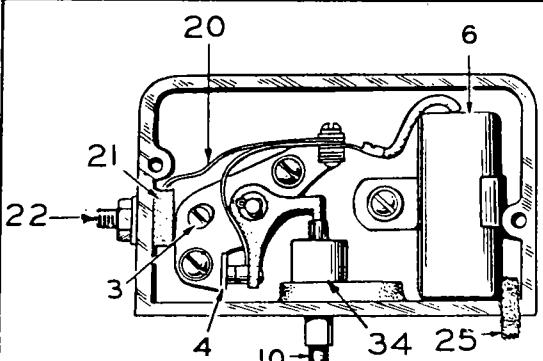
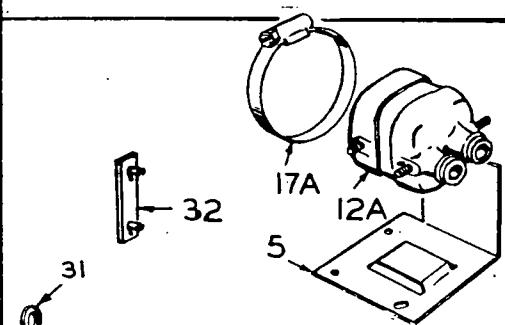
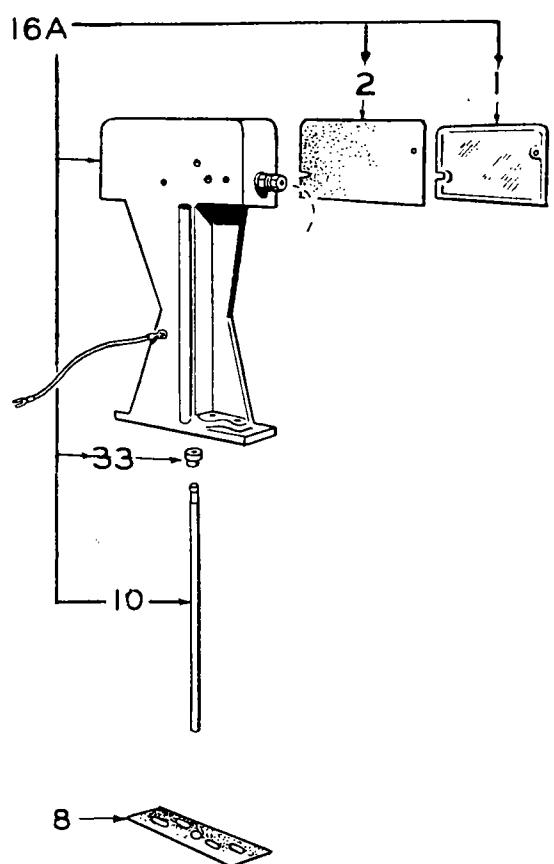
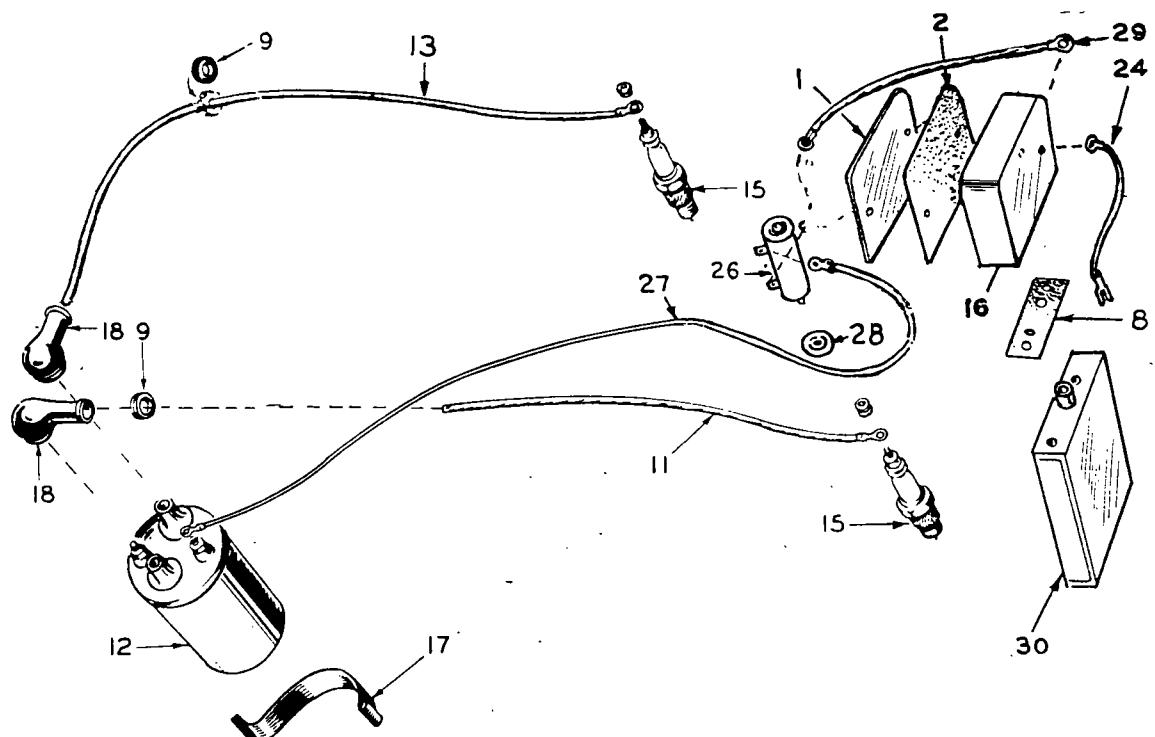


FIG. J - IGNITION GROUP

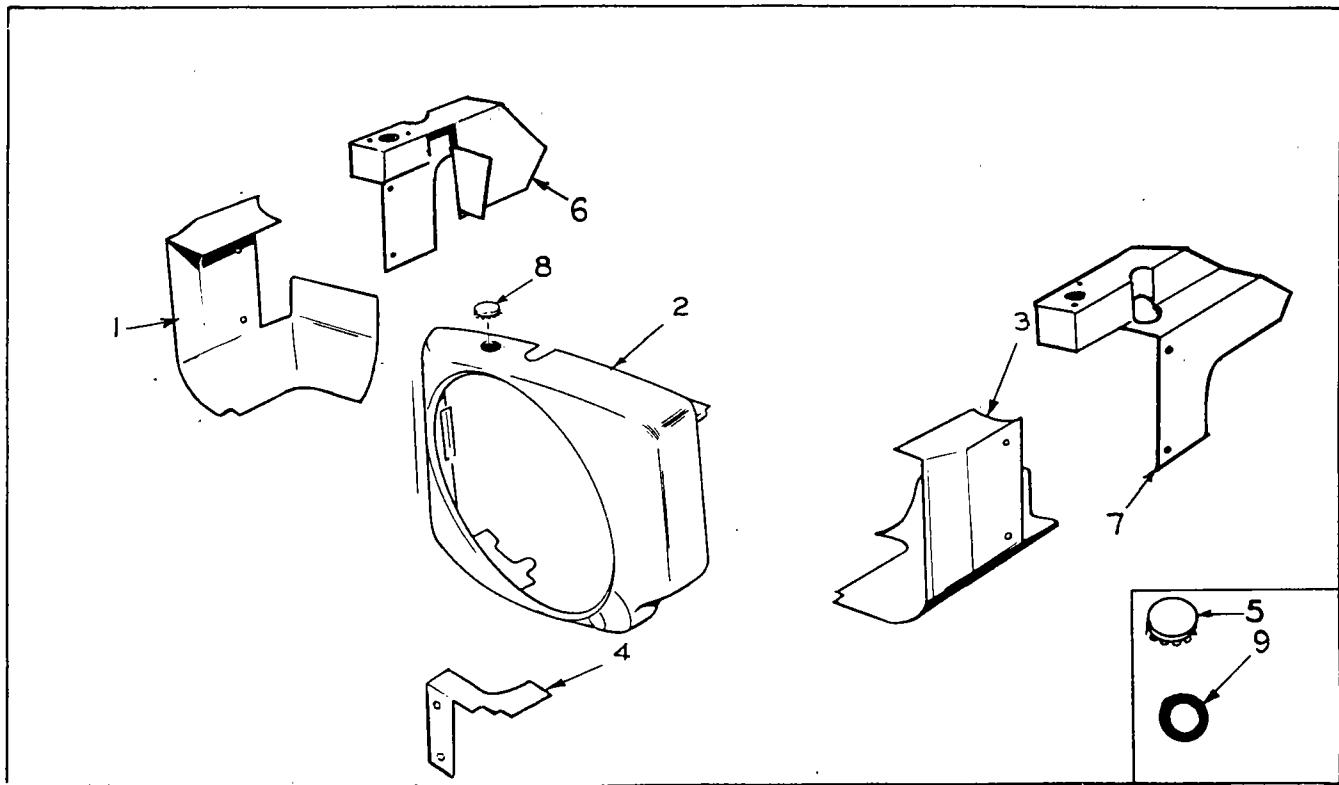


FIG. K - AIR HOUSING GROUP

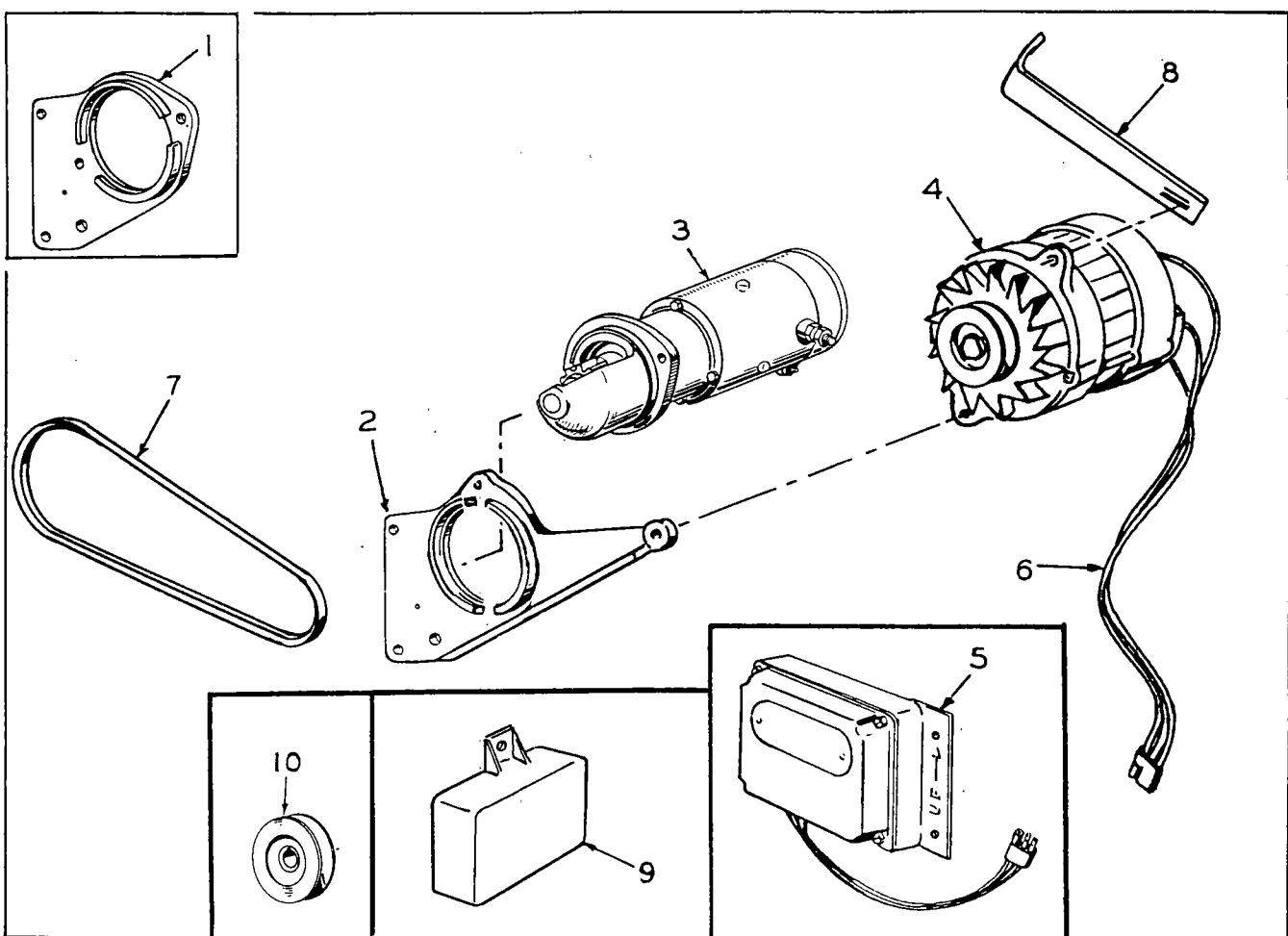


FIG. L - START MOTOR &amp; ALTERNATOR GROUP

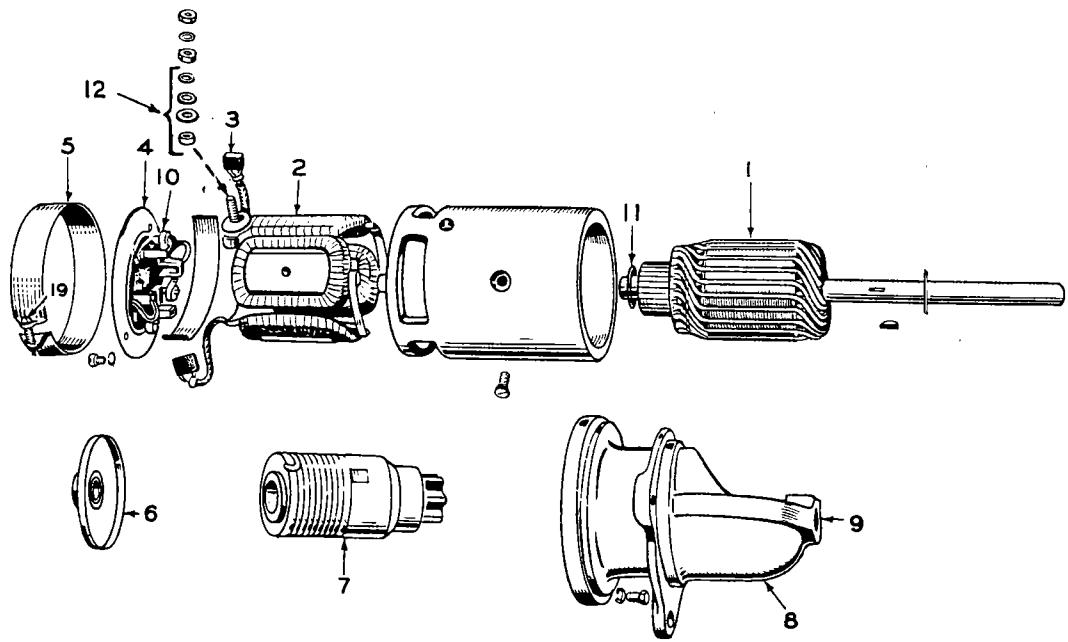


FIG. M - START MOTOR PARTS GROUP

## PARTS LIST

| REF.<br>NO. | PART<br>NO. | QUANT. USED |    |    |    |    | DESCRIPTION  |
|-------------|-------------|-------------|----|----|----|----|--|
|             |             | A           | B  | C  | D  | E  |  |
|             |             |             |    |    |    |    | FIG. A - CYLINDER BLOCK, OIL BASE AND GEAR COVER GROUP   |
| 9           | 103C224     | 1           | 1  | 1  | 1  |    | Cover, Gear - Includes Oil Seal  |
| 9           | 103A296     |             |    |    |    | 1  | Cover, Gear - Includes Oil Seal  |
| 10          | 103B11      | 1           | 1  | 1  | 1  | 1  | Gasket, Gear cover   |
| 11          | 110A1019    | 1           |    |    |    | 1  | Block, Cylinder - Includes Bearing Plate, Bearings, Valve Guides and Seats   |
| 11          | 110A1418    |             | 1  | 1  | 1  |    | Block, Cylinder - Includes Bearing Plate, Bearings, Valve Guides and Seats   |
| 12          | 123B293     | 1           | 1  | 1  | 1  | 1  | Cap, Breather Tube   |
| 13          | 123A678     | 1           | 1  |    |    |    | Tube, Breather - Includes Baffle   |
| 13          | 123A129     |             |    | 1  | 1  | 1  | Tube, Breather - Includes Baffles  |
| 13A         | 123-591     | 1           |    |    |    |    | Baffle (Mesh), Breather Tube   |
| 13B         | 123A643     | 1           |    |    |    |    | Retainer, Breather Tube Baffle   |
| 14          | 110A666     | 2           | 2  | 2  | 2  | 2  | Cover, Valve   |
| 15          | 110A667     | 2           | 2  | 2  | 2  | 2  | Gasket, Valve Cover  |
| 16          | 517-48      | 1           |    |    |    | 1  | Plug, Expansion - Rear Camshaft Bearing Opening  |
| 17          | 520A114     | 5           | 5  | 5  | 5  | 5  | Stud, Rear Bearing Plate   |
| 19          | 123A191     | 1           | 1  | 1  | 1  | 1  | Gasket, Oil Fill   |
| 20          | 102B158     | 1           | 1  | 1  | 1  | 1  | Gasket, Oil Base   |
| 22          | 110A892     | 2           | 2  | 2  | 2  | 2  | Gasket, Cylinder Head  |
| 23          | 110D890     | 1           |    |    |    |    | Head, Cylinder - Right Hand (No. 2)  |
| 23          | 110D884     |             | 1  | 1  | 1  | 1  | Head, Cylinder - Right Hand (No. 2)  |
| 24          | 110D891     | 1           |    |    |    |    | Head, Cylinder - Left Hand (No. 1)   |
| 24          | 110D883     |             | 1  | 1  | 1  | 1  | Head, Cylinder - Left Hand (No. 1)   |
| 25          | 102E457     | 1           |    |    |    |    | Base, Oil  |
| 25          | 102B551     |             | 1  | 1  | 1  | 1  | Base, Oil  |
| 26          | 505-56      | 1           | 1  | 1  | 1  | 1  | Plug, Pipe - 1/2 - Oil Base  |
| 28          | 505P435     | 1           |    |    |    |    | Plug, Oil Drain - Magnetic   |
| 28          | 505-347     |             | 1  |    |    |    | Plug, Oil Drain - Magnetic   |
| 28          | 505-497     |             |    | 1  | 1  | 1  | Plug, Oil Drain - Magnetic   |
| 29          | 509A40      | 1           | 1  | 1  | 1  |    | Seal, Oil - Gear Cover (Replaces #509A11)  |
| 29          | 509A97      |             |    |    |    | 1  | Seal, Oil - Gear Cover   |
| 30          | 516A11      | 2           | 2  | 2  | 2  | 2  | Pin, Dowel - Gear Cover Locating   |
| 31A         | 101K389     | 2           | 2  | 2  | 2  | 2  | Bearing Kit, Crankshaft - Front or Rear - Includes Thrust Washer and Stop Pins - Specify Size: Standard, or, .002", .010", .020", or .030" Undersize |
| 31B         | 104A575     | 2           | 2  | 2  | 2  | 2  | Washer, Thrust - Crankshaft Bearing (Included with Bearing Kit)  |
| 32          | 101K115     | 1           | 1  | 1  | 1  | 1  | Gasket Kit, Rear Bearing Plate   |
| 33          | 101C316     | 1           | 1  | 1  | 1  | 1  | Plate, Rear Bearing - Less Bearing   |
| 34          | 101A367     | 2           | 2  | 2  | 2  | 2  | Bearing, Camshaft Rear and Front - Precision Type - Standard Size Only (Replaces #101A49 and 101A50)   |
| 36          | 509A41      | 1           | 1  | 1  | 1  | 1  | Seal, Oil - Bearing Plate (Replaces #509A1)  |
| 37          | 516A72      | 4           | 4  | 4  | 4  | 4  | Pin, Drive - Crankshaft Thrust Washer Stop - (Included with Bearing Kit)   |
| 38          | 110A445     | 5           | 5  | 5  | 5  | 5  | Nut, Hex - Bearing Plate Mounting - 5/16-24 -Hardened  |
| 39          | 123A104     | 1           | 1  | 1  | 1  | 1  | Valve, Breather  |
| 40          | 526-63      | 2           | 2  | 2  | 2  | 2  | Washer, Copper - Valve Cover or Fuel Pump Hole Plate   |
| 41          | 850-45      | 5           | 5  | 5  | 5  | 5  | Washer, Lock - Bearing Plate Mounting - 5/16" Medium   |
| 42          | 141A78      | 1           | 1  | 1  | 1  | 1  | Gasket, Oil Fill Tube  |
| 43          | 123B675     | 1           | 1  | 1  | 1  | 1  | Tube, Oil Fill   |
| 44          | 110A879     | 8           | 8  | 8  | 8  | 8  | Screw, Hex Head - Cylinder Head - 5/16"-18 x 1-1/4" - Hardened   |
| 45          | 114A22      | 10          | 10 | 10 | 10 | 10 | Screw, Hex Head - Cylinder Head - 5/16"-18 x 1-3/4" - Hardened   |

# PARTS LIST

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| REF.<br>NO. | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION  |
|-------------|-------------|-------------|---|---|---|---|--|
|             |             | A           | B | C | D | E |  |
| 46          | 120A386     | 1           | 1 | 1 | 1 | 1 | FIG. A - CYLINDER BLOCK, OIL BASE AND GEAR COVER GROUP                         |
| 47          | 123A657     | 1           | 1 | 1 | 1 | 1 | Tube, Oil Passage - Internal, to rear main bearing                             |
| 48          | 149A136     |             |   |   | 1 | 1 | Cap and Indicator, Oil Fill  |
| 49          | 149A3       |             |   |   | 1 | 1 | Plate, Fuel Pump Hole Cover  |
|             |             |             |   |   |   |   | Gasket, Fuel Pump Hole Cover   |
|             |             |             |   |   |   |   | FIG. B - VALVE GROUP   |
| 1           | 110B881     | 2           | 2 | 2 | 2 | 2 | Valve, Intake - Steel  |
| 2           | 110B880     | 2           | 2 | 2 | 2 | 2 | Valve, Exhaust - Stellite  |
| 3           | 110A872     | 2           | 2 | 2 | 2 | 2 | Insert, Exhaust Valve Seat - Specify: Standard, .002", .010" or .005" Oversize |
| 5           | 110A902     | 4           | 4 | 4 | 4 | 4 | Guide, Valve   |
| 6           | 110A539     | 4           | 4 | 4 | 4 | 4 | Spring, Valve  |
| 7           | 110A893     | 2           | 2 | 2 | 2 | 2 | Retainer, Intake Valve Spring  |
| 8           | 110A639     | 8           | 8 | 8 | 8 | 8 | Lock, Retainer or Rotocap  |
| 9           | 115A6       | 4           | 4 | 4 | 4 | 4 | Tappet, Valve  |
| 10          | 110A904     | 2           | 2 | 2 | 2 | 2 | Rotocap, Exhaust Valve   |
|             |             |             |   |   |   |   | FIG. C - CRANKSHAFT AND FLYWHEEL GROUP   |
| 1           | 526A17      | 1           |   |   |   |   | Washer, Flywheel Mounting  |
| 1           | 526A185     |             | 1 | 1 | 1 | 1 | Washer, Flywheel Mounting  |
| 2           | 515-2       | 1           | 1 | 1 | 1 | 1 | Key, Flywheel Mounting   |
| 3           | 104A170     | 1           |   |   |   |   | Screw, Flywheel Mounting   |
| 3           | 104A369     |             | 1 | 1 | 1 | 1 | Screw, Flywheel Mounting   |
| 4           | 134B1060    | 1           |   |   |   |   | Flywheel - Includes Ring Gear  |
| 4           | 134B1192    |             | 1 | 1 | 1 |   | Flywheel - Includes Ring Gear  |
| 4           | 134B1734    |             |   |   | 1 |   | Flywheel - Includes Ring Gear  |
| 5           | 134C673     | 1           | 1 | 1 | 1 | 1 | Gear, Ring - Flywheel  |
| 8           | 518-14      | 1           | 1 | 1 | 1 | 1 | Ring, Snap - Crankshaft Gear Washer Retaining                                  |
| 9           | 104A43      | 1           | 1 | 1 | 1 | 1 | Washer, Crankshaft Gear  |
| 10          | 105A72      | 1           | 1 | 1 | 1 | 1 | Gear Set, Timing - Crankshaft & Camshaft Gears (Listed also in Camshaft Group) |
| 11          | 104D436     | 1           | 1 | 1 | 1 |   | Crankshaft   |
| 11          | 104D638     |             |   |   | 1 |   | Crankshaft   |
| 12          | 515-1       | 1           | 1 | 1 | 1 | 1 | Key, Crankshaft Gear   |
| 13          | 515-146     | 1           | 1 | 1 | 1 | 1 | Key, Crankshaft - Power Take-off   |
| 14          | 104C614     |             |   |   | 1 |   | Flywheel, Clutch   |
| 15          | 190A266     |             |   |   | 1 |   | Housing, Clutch - Includes Bushings  |
| 16          | 190A267     |             |   |   | 1 |   | Bearing, Clutch Pilot  |
| 17          | 815-298     |             |   |   | 1 |   | Screw, Set-Clutch Flywheel   |
| 18          | 190A265     |             |   | 2 | 2 |   | Bushing, Clutch Housing  |
|             |             |             |   |   |   |   | FIG. D - CAMSHAFT AND GOVERNOR CUP GROUP                                       |
| 6           | 105A72      | 1           | 1 | 1 | 1 | 1 | Gear Set, Timing -Crankshaft & Camshaft Gears                                  |
| 7           | 105A4       | 1           | 1 | 1 | 1 | 1 | Washer, Camshaft Gear Thrust   |
| 8           | 515-1       | 1           | 1 | 1 | 1 | 1 | Key, Camshaft Gear Mounting  |
| 9           | 105C150     | 1           |   |   |   |   | Camshaft   |
| 9           | 105B233     |             | 1 | 1 | 1 |   | Camshaft - Includes Spark Advance Mechanism Pins                               |
| 9           | 105C251     |             |   |   | 1 |   | Camshaft   |
| 11          | 105A58      | 1           | 1 | 1 | 1 | 1 | Plunger, Camshaft Thrust   |
| 12          | 105A59      | 1           | 1 | 1 | 1 | 1 | Spring, Camshaft Plunger   |
| 13          | 160A791     | 1           | 1 | 1 |   |   | Cam, Timing Control - Includes Pins  |
| 14          | 516-144     | 4           | 4 | 4 |   |   | Pin, Roll - 7/16" - Camshaft and Timing Control Cam                            |

## PARTS LIST

| REF.<br>NO.                                      | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION   |
|--|-------------|-------------|---|---|---|---|---|
|  |             | A           | B | C | D | E |   |
| FIG. D - CAMSHAFT AND GOVERNOR CUP GROUP (Cont.) |             |             |   |   |   |   |   |
| 15   | 160A790     |             | 2 | 2 | 2 |   | Weight Assembly, Timing Control - Includes Pins   |
| 16   | 516A146     |             | 2 | 2 | 2 |   | Pin, Groove - 1" - Timing Control Cam   |
| 17   | 160A999     |             | 1 | 1 | 1 |   | Retainer, Timing Control (Replaces #160A726)  |
| 18   | 518-185     |             | 2 | 2 | 2 |   | Lock, Timing Control Retainer   |
| 19   | 160A727     |             | 1 | 1 | 1 |   | Spring, Timing Control  |
| 20   | 110A1283    |             | 1 | 1 | 1 |   | Cover, Timing Control   |
| FIG. E - CONNECTING ROD AND PISTON GROUP         |             |             |   |   |   |   |   |
| 3  | 112-71      | 2           | 2 | 2 | 2 | 2 | Piston and Pin - Includes Pin Retaining Rings - Specify: Standard, .010", .020", .030" or .040" Oversize        |
| 4  | 112A69      | 2           | 2 | 2 | 2 | 2 | Pin, Piston - Specify: Standard or .002" Oversize   |
| 5  | 112A3       | 4           | 4 | 4 | 4 | 4 | Ring, Retaining - Piston Pin  |
| 6  | 114B28      | 2           | 2 | 2 | 2 | 2 | Rod Assembly, Connecting (Forged) Includes Bushing and Place Bolts - Less Inserts                               |
| 7  | 113A88      | 2           | 2 | 2 | 2 | 2 | Ring Set, Piston - For One Piston - Includes Expander - Specify: Standard .010", .020", .030" or .040" Oversize |
| 8  | 805-10      | 4           | 4 | 4 | 4 | 4 | Bolt, Place - Connecting Rod  |
| 11   | 114A36      | 2           | 2 | 2 | 2 | 2 | Bushing, Piston Pin - Connecting Rod  |
| 12   | 114B145     | 4           | 4 | 4 | 4 | 4 | Insert Bearing, Connecting Rod - Specify: Standard, .002", .010", .020" or .030" Undersize (Replaces #114B55)   |
| FIG. F - FUEL SYSTEM GROUP                       |             |             |   |   |   |   |   |
| 1  | 149D693     | 1           | 1 | 1 |   |   | Pump, Fuel - ONAN Mfr.  |
| 2  | 149A648     | 1           |   |   |   |   | Rod, Fuel Pump Primer   |
| 3  | 502-65      | 1           | 1 |   |   |   | Elbow, Carburetor Inlet (45°)   |
| 3  | 502-2       |             |   | 1 | 1 | 1 | Elbow, Carburetor Inlet   |
| 4  | 149A611     | 1           | 1 | 1 |   |   | Line, Fuel - Fuel Pump to Carburetor  |
| 5  | 502-2       | 1           | 1 | 1 |   |   | Elbow, Fuel Pump Outlet   |
| 5A   | 502-20      | 1           | 1 | 1 |   |   | Elbow, Street - Fuel Pump Inlet   |
| 6  | 142A412     | 1           |   |   |   |   | Carburetor - With Special Combined Throttle Lever and Throttle  |
| 6  | 142A435     |             | 1 |   |   |   | Carburetor - With Special Combined Throttle Lever and Throttle  |
| 6  | 142A446     |             |   | 1 | 1 | 1 | Carburetor - With Special Combined Throttle Lever and Throttle  |
| 7  | 145B266     | 1           | 1 |   |   |   | Gasket, Carburetor Adapter to Manifold  |
| 9  | 154A360     | 2           | 2 | 2 | 2 | 2 | Gasket, Exhaust Tube to Manifold  |
| 10   | 141A78      | 1           | 1 | 1 | 1 | 1 | Gasket, Carburetor Mounting   |
| 11   | 153-263     | 1           | 1 | 1 | 1 |   | Bracket and Clamp, Manual Choke Rod   |
| 12   | 154D656     | 1           | 1 |   |   |   | Manifold, Intake  |
| 12   | 154D356     |             |   | 1 | 1 | 1 | Manifold, Intake  |
| 13   | 154A13      | 2           | 2 | 2 |   |   | Gasket, Intake Manifold to Cylinder Block   |
| 14   | 149A45      | 1           | 1 | 1 |   |   | Spacer, Fuel Pump Mounting  |
| 15   | 149A3       | 2           | 2 | 2 | 1 | 1 | Gasket, Fuel Pump Mounting or Hole Cover Plate  |
| 16   | 154C658     | 1           |   |   |   |   | Tube, Exhaust - Left - #1-Cylinder  |
| 16   | 154C899     | 1           | 1 |   |   |   | Tube, Exhaust - Left - #1-Cylinder  |
| 17   | 154C659     | 1           |   |   |   |   | Tube, Exhaust - Right - #2-Cylinder   |
| 17   | 154C898     |             | 1 | 1 |   |   | Tube, Exhaust - Right - #2-Cylinder   |
| 18   | 145B264     | 1           | 1 |   |   |   | Adapter, Carburetor - Leveling Wedge  |
| 19   | 503-107     | 1           | 1 | 1 | 1 |   | Clamp, Air Inlet To Carburetor  |
| 20   | 145A271     | 1           |   |   |   |   | Inlet, Carburetor Air   |

# PARTS LIST

13

| REF.<br>NO.                        | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION   |
|------------------------------------|-------------|-------------|---|---|---|---|---|
|                                    |             | A           | B | C | D | E |   |
| FIG. F - FUEL SYSTEM GROUP (Cont.) |             |             |   |   |   |   |   |
| 20                                 | 145A353     |             | 1 |   | 1 |   | Inlet, Carburetor Air (Replaces #145A305)                           |
| 20                                 | 145A367     |             |   | 1 |   | 1 | Inlet, Carburetor Air   |
| 21                                 | 503-280     | 1           | 1 |   | 1 |   | Clamp, Air Inlet to Sleeve  |
| 21                                 | 503-280     |             |   | 1 |   |   | Clamp, Air Cleaner to Air Inlet                                     |
| 22                                 | 140A211     | 1           |   |   |   |   | Sleeve, Air Cleaner Hose  |
| 23                                 | 855-11      | 2           | 2 |   |   |   | Washer, Lock - Tooth Type, Countersunk - 1/4" -                     |
| 24                                 | 814-151     | 2           | 2 |   |   |   | Carburetor Mounting   |
|                                    |             |             |   |   |   |   | Screw, Flat Head Machine - 1/4-20 x 3/4" -                          |
| 25                                 | 526-63      | 2           | 2 | 2 |   |   | Carburetor Mounting   |
| 26                                 | 518-176     | 1           | 1 | 1 | 1 |   | Washer, Flat Copper - Fuel Pump Mounting                            |
| 27                                 | 140C865     |             |   | 1 |   |   | Clip, Carburetor Control Securing                                   |
| 28                                 | 140-866     |             |   | 2 |   |   | Cleaner, Air - Complete   |
| 29                                 | 140P837     | 1           | 1 |   |   |   | Element, Air Cleaner - Includes Gasket                              |
| 30                                 | 140B869     |             |   | 1 |   |   | Element, Air Cleaner  |
| 31                                 | 140B863     |             |   | 2 |   |   | Body & Bracket, Air Cleaner   |
| 32                                 | 140C862     |             |   | 2 |   |   | Plate, Element Retainer   |
| 33                                 | 520A114     |             | 4 | 4 | 4 |   | Spring, Element Retainer Plate                                      |
|                                    |             |             |   |   |   |   | Stud, Exhaust Tube to Manifold                                      |
| FIG. G - CARBURETOR PARTS GROUP    |             |             |   |   |   |   |   |
| 142A412                            |             | 1           |   |   |   |   | Carburetor - With Special Combined Throttle Lever and Throttle Stop |
| 142A435                            |             |             | 1 |   |   |   | Carburetor - With Special Combined Throttle Lever and Throttle Stop |
| 142A446                            |             |             | 1 | 1 | 1 |   | Carburetor - With Special Combined Throttle Lever and Throttle Stop |
| 142K371                            |             | 1           |   |   |   |   | Repair Kit, Carburetor Parts - Includes Parts Marked * and **.      |
| 142K428                            |             |             | 1 | 1 | 1 | 1 | Repair Kit, Carburetor Parts - Includes Parts Marked * and #.       |
| 142-33                             |             | 1           | 1 | 1 | 1 | 1 | *Gasket Kit, Carburetor   |
| 1                                  | 815-103     | 1           | 1 | 1 | 1 | 1 | Screw, Bowl Cover - #10-24 x 1/2"                                   |
| 1                                  | 815-109     | 2           | 2 | 2 | 2 | 2 | Screw, Bowl Cover - #10-24 x 5/8"                                   |
| 2                                  | 815-91      | 2           | 2 | 2 | 2 | 2 | *Screw, Choke Fly - #4-40 x 3/16"                                   |
| 3                                  | 142-55      | 1           | 1 | 1 | 1 | 1 | Fly Assembly, Choke   |
| 4                                  | 142-205     | 1           | 1 | 1 | 1 | 1 | Sleeve Assembly, Choke  |
| 5                                  | 142-217     | 1           |   |   |   |   | Shaft Assembly, Choke   |
| 5                                  | 142-420     | 1           | 1 | 1 | 1 | 1 | Shaft Assembly, Choke   |
| 6                                  | 142A39      | 1           | 1 | 1 | 1 | 1 | *Shaft, Float   |
| 7                                  | 142A31      | 1           | 1 | 1 | 1 | 1 | Gasket, Body to Bowl  |
| 8                                  | 148A17      | 2           | 2 | 1 | 1 | 1 | Gasket, Float Valve Seat and Main Adjusting Needle Retainer         |
| 9                                  | 142-49      | 1           | 1 | 1 | 1 | 1 | *Valve and Seat Assy., Float - Includes Gasket                      |
| 10                                 | 142-32      | 1           | 1 | 1 | 1 | 1 | Gasket, Nozzle  |
| 11                                 | 142-285     | 1           | 1 | 1 | 1 | 1 | Nozzle Assembly   |
| 12                                 | 142-361     | 1           | 1 | 1 | 1 | 1 | Float and Lever Assembly (Replaces #142-38)                         |
| 13                                 | 142A410     | 1           | 1 |   |   |   | Lever, Idle Stop & Throttle   |
| 13                                 | 145B361     |             |   | 1 | 1 | 1 | Lever, Idle Stop & Throttle   |
| 14                                 | 142A40      | 1           | 1 | 1 | 1 | 1 | *Needle, Idle Adjusting   |
| 15                                 | 142-282     | 1           | 1 | 1 | 1 | 1 | Spring, Idle Needle Adjusting                                       |

## PARTS LIST

| REF.<br>NO.                                  | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION  |
|--|-------------|-------------|---|---|---|---|--|
|  |             | A           | B | C | D | E |  |
| FIG. G - CARBURETOR PARTS GROUP (Cont.)      |             |             |   |   |   |   |  |
| 16   | 142A35      | 1           | 1 | 1 | 1 | 1 | Spring, Throttle Stop Adjusting Screw                                  |
| 17   | 812-65      | 1           | 1 | 1 | 1 | 1 | Screw, Throttle Stop Adjusting - #6-32 x 5/8"                          |
| 18   | 815-72      | 2           | 2 | 2 | 2 | 2 | *Screw, Throttle Fly - #4-40 x 1/4"                                    |
| 19   | 142-369     | 1           | 1 | 1 | 1 | 1 | Fly, Throttle  |
| 20   | 142A368     | 1           | 1 |   |   |   | *Shaft Assembly, Throttle  |
| 20   | 142-454     |             |   | 1 | 1 | 1 | *Shaft, Throttle   |
| 21   | 142-370     | 1           |   |   |   |   | Nut and Jet, Nozzle  |
| 21   | 142-393     |             | 1 | 1 | 1 | 1 | #Nut and Jet, Nozzle   |
| 22   | 142-46      |             |   |   |   |   | Retainer, Main Adjusting Needle  |
| 23   | 142-206     | 1           |   |   |   |   | Packing, Main Adjusting Needle   |
| 24   | 142-45      |             |   |   |   |   | Retainer, Main Adjusting Needle Packing                                |
| 25   | 516A27      | 1           |   |   |   |   | Pin, Main Adjusting Needle   |
| 26   | 142-41      | 1           |   |   |   |   | **Needle, Main Adjusting   |
| 27   |             | 1           | 1 | 1 | 1 | 1 | Body Assembly - Not Sold Separately                                    |
| 28   | 505-53      | 1           | 1 | 1 | 1 | 1 | Plug, Gas Inlet  |
| 29   | 142-42      | 1           |   |   |   |   | Needle Assembly - Includes Packing Nut and Retainer                    |
| 30   | 142-343     | 2           | 2 | 2 | 2 | 2 | #Bushing, Throttle Shaft   |
| 31   | 813-102     | 1           | 1 | 1 | 1 | 1 | Screw, Idle Stop and Throttle Lever Screw - #10-32 x 5/8"              |
| 32   | 870-53      | 1           | 1 | 1 | 1 | 1 | Nut, Idle Stop and Throttle Lever Screw - #10-32 Hex Steel             |
| 33   | 142-15      |             | 1 | 1 | 1 | 1 | Plug, Nozzle   |
| * and ** - Contained in Repair Kit #142K371. |             |             |   |   |   |   |  |
| * and # - Contained in Repair Kit #142K428.  |             |             |   |   |   |   |  |
| FIG. H. - FUEL PUMP PARTS GROUP              |             |             |   |   |   |   |  |
|  | 149D693     | 1           | 1 | 1 |   |   | Pump, Fuel   |
|  | 149K526     | 1           | 1 | 1 |   |   | Repair Kit, Fuel Pump - Includes Parts Marked*                         |
| 1  |             | 1           | 1 | 1 |   |   | Body, Upper - Not Sold Separately                                      |
| 2  | 815-148     | 4           | 4 | 4 |   |   | Screw, Hex Head Self Tapping - #8-32 x 7/8" - Pump Assembly            |
| 3  | 815-147     | 2           | 2 | 2 |   |   | Screw, Phillips Flat Head Self Tapping - #6-32 x 5/8" - Valve Retainer |
| 4  | 149-96      | 2           | 2 | 2 |   |   | *Valve and Cage  |
| 5  | 149A95      | 2           | 2 | 2 |   |   | *Gasket, Valve   |
| 6  | 149A582     | 1           | 1 | 1 |   |   | *Diaphragm Assembly  |
| 7  | 149A672     | 1           | 1 | 1 |   |   | *Spring, Diaphragm   |
| 8  | 149A539     | 1           | 1 | 1 |   |   | Retainer, Valve Cage   |
| 9  | 149A675     | 1           | 1 | 1 |   |   | *Spring, Rocker Arm  |
| 10   | 516A113     | 1           | 1 | 1 |   |   | Pin, Rocker Arm  |
| 11   |             | 1           | 1 | 1 |   |   | Body, Lower - Not Sold Separately                                      |
| 12   | 149-710     | 1           | 1 | 1 |   |   | Arm and Link Set (Individual Parts Not Supplied)                       |
| 14   | 149A551     | 1           | 1 | 1 |   |   | Lever, Hand Primer   |
| 15   | 509-65      | 2           | 2 | 2 |   |   | Seal, "O" Ring   |
| 16   | 149A404     | 1           | 1 | 1 |   |   | Spring, Fuel Pump Priming Lever  |
| 17   | 149A3       | 1           | 1 | 1 |   |   | *Gasket, Fuel Pump Mounting  |
| 18   | 518-129     | 1           | 1 | 1 |   |   | Ring, "E" Retainer - Priming Lever Shaft                               |
| 19   | 149A858     | 1           | 1 | 1 |   |   | *Gasket, Diaphragm   |
| * - Contained in Repair Kit #149K526.        |             |             |   |   |   |   |  |
| FIG. I - OIL PUMP GROUP                      |             |             |   |   |   |   |  |
| 1  | 120A491     | 1           | 1 | 1 | 1 | 1 | Pump, Oil - Internal Parts Not Sold Separately                         |
| 2  | 120B400     | 1           | 1 |   |   |   | Intake, Oil Pump - Includes Cup, Screen and Pipe                       |

# PARTS LIST

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| REF.<br>NO.                     | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION  |
|---------------------------------|-------------|-------------|---|---|---|---|--|
|                                 |             | A           | B | C | D | E |  |
| FIG. I - OIL PUMP GROUP (Cont.) |             |             |   |   |   |   |  |
| 2                               | 120B648     |             |   | 1 | 1 | 1 | Intake, Oil Pump - Includes Cup, Screen and Pipe                             |
| 3                               | 120A187     | 1           | 1 | 1 | 1 | 1 | Stud and Nut - By-Pass Adjusting   |
| 4                               | 120A140     | 1           | 1 | 1 | 1 | 1 | Spring, By-Pass Valve  |
| 5                               | 120A398     | 1           | 1 | 1 | 1 | 1 | Valve, By-Pass   |
| 6                               | 120K161     | 1           | 1 | 1 | 1 | 1 | Gasket Kit, Oil Pump   |
| 7                               | 526-66      | 1           | 1 | 1 | 1 | 1 | Washer, Copper - By-Pass Stud Nut  |
| 8                               | 193A108     | 1           |   |   |   |   | Sender, Oil Pressure   |
| 9                               | 226A577     | 1           |   |   |   |   | Lead, Oil Pressure Sender  |
| 10                              | 501A118     |             | 1 |   | 1 |   | Line, Flexible Oil   |
| 10                              | 501A9       |             |   | 1 |   | 1 | Line, Flexible Oil   |
| 11                              | 502A20      |             |   | 1 |   | 1 | Elbow, Street - Oil Line to Block  |
| 11                              | 502-2       |             | 1 |   | 1 |   | Elbow, Inverted - Oil Line to Block  |
| 12                              | 122-75      | 1           | 1 |   |   |   | Element, Oil Filter  |
| 13                              | 333-114     |             |   |   |   |   | Heater, Oil Immersion (Optional Equip.)                                      |
| 14                              | 323-397     |             |   |   |   |   | Base, Heater Male Plug (Optional Equip.)                                     |
| 15                              | 323-396     |             |   |   |   |   | Boot, Heater Plug Base (Optional Equip.)                                     |
| FIG. J - IGNITION GROUP         |             |             |   |   |   |   |  |
| 1                               | 160A930     | 1           | 1 | 1 | 1 | 1 | Cover, Breaker Box (Replaces #160A152)                                       |
| 2                               | 160A150     | 1           | 1 | 1 | 1 | 1 | Gasket, Breaker Box Cover  |
| 3                               | 160A75      | 1           | 1 | 1 | 1 | 1 | Cam, Point Gap Adjusting   |
| 4                               | 160A2       | 1           | 1 | 1 | 1 | 1 | Point Set, Breaker   |
| 5                               | 166A376     | 1           |   |   |   |   | Bracket, Coil and Resistor Mounting  |
| 5                               | 166A438     |             | 1 | 1 | 1 | 1 | Bracket, Coil and Resistor Mounting  |
| 6                               | 312A69      | 1           | 1 | 1 | 1 | 1 | Condenser, Breaker Points  |
| 8                               | 160A43      | 2           | 2 | 1 | 1 | 1 | Gasket, Breaker Box and Spacer Mounting                                      |
| 9                               | 508-5       | 2           |   |   |   |   | Grommet, Spark Plug Cable - Blower Housing                                   |
| 10                              | 160A776     | 1           | 1 |   |   |   | Plunger, Breaker - Includes Plunger, Diaphragm and Guide (Replaces #160A636) |
| 10                              | 160A723     |             |   | 1 | 1 | 1 | Plunger, Breaker   |
| 11                              | 167A1308    | 1           |   |   |   |   | Cable, Spark Plug - Right Hand (Short)                                       |
| 11                              | 167A1073    |             | 1 |   |   |   | Cable, Spark Plug - Right Hand (Short)                                       |
| 11                              | 167A1408    |             |   | 1 | 1 | 1 | Cable, Spark Plug - Right Hand (Short)                                       |
| 12                              | 160C792     | 1           |   |   |   |   | Coil, Ignition (Replaces #160C483)   |
| 12A                             | 166C346     | 1           | 1 | 1 | 1 | 1 | Coil, Ignition   |
| 13                              | 167A1309    | 1           |   |   |   |   | Cable, Spark Plug - Left Hand (Long)   |
| 13                              | 167A1459    | 1           |   |   |   |   | Cable, Spark Plug - Left Hand (Long)   |
| 13                              | 167A1491    |             | 1 | 1 | 1 | 1 | Cable, Spark Plug - Left Hand (Long)   |
| 15                              | 167-177     | 2           | 2 | 2 | 2 | 2 | Plug, Spark  |
| 16                              | 160A642     | 1           | 1 |   |   |   | Box Assembly, Breaker - Complete   |
| 16A                             | 160A963     |             | 1 | 1 | 1 |   | Box Assembly, Breaker - Complete   |
| 17                              | 160A488     | 1           |   |   |   |   | Clamp, Coil  |
| 17A                             | 503P458     | 1           | 1 | 1 | 1 | 1 | Clamp, Coil  |
| 18                              | 160A558     | 2           | 2 | 2 | 2 | 2 | Nipple, Rubber - Coil  |
| 20                              | 160A428     | 1           | 1 | 1 | 1 | 1 | Strap, Point Set to Terminal Block   |
| 21                              | 332A319     | 1           | 1 | 1 | 1 | 1 | Block, Insulator - Terminal  |
| 22                              | 332A284     | 1           | 1 | 1 | 1 | 1 | Screw, Terminal  |
| 24                              | 336A565     | 1           | 1 |   |   |   | Lead, Breaker Box Ground   |
| 24                              | 336A1574    |             |   |   | 1 |   | Lead, Breaker Box Ground   |
| 25                              | 160A261     | 1           | 1 |   |   |   | Wick, Breaker Box Oil Drain  |
| 26                              | 304A60      | 1           | 1 | 1 | 1 | 1 | Resistor, Ignition - For 12-Volt System                                      |

## PARTS LIST

| REF.<br>NO.  | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION  |
|--|-------------|-------------|---|---|---|---|--|
|  |             | A           | B | C | D | E |  |
| FIG. J - IGNITION GROUP (Cont.)  |             |             |   |   |   |   |  |
| 27   | 336A1270    | 1           |   |   |   |   | Lead, Ignition Coil  |
| 27   | 336A723     |             | 1 | 1 | 1 | 1 | Lead, Ignition Coil  |
| 28   | 304-14      | 2           | 2 | 2 | 2 | 2 | Washer, Resistor Centering                                     |
| 29   | 336A1045    | 1           | 1 | 1 | 1 | 1 | Lead, Resistor   |
| 30   | 160B633     | 1           | 1 |   |   |   | Spacer, Breaker Box  |
| 31   | 508A2       | 1           |   |   |   |   | Grommet, Primary Lead - Blower Housing                         |
| 32   | 304A610     |             | 1 | 1 | 1 | 1 | Support, Resistor Terminal                                     |
| 33   | 160A929     |             |   | 1 | 1 | 1 | Bushing, Breaker Box Plunger - Included with Breaker Box Assy. |
| 34   | 160A263     | 1           | 1 | 1 | 1 | 1 | Diaphragm, Breaker Plunger                                     |
| FIG. K - AIR HOUSING GROUP   |             |             |   |   |   |   |  |
| 1  | 134D589     | 1           | 1 |   |   |   | Housing, Cylinder Air - L.H.                                   |
| 1  | 134D1644    |             |   | 1 | 1 | 1 | Housing, Cylinder Air - L.H.                                   |
| 2  | 134D1058    | 1           | 1 |   |   |   | Housing, Blower  |
| 2  | 134D1647    |             |   | 1 |   | 1 | Housing, Blower  |
| 2  | 134C1731    |             |   |   | 1 |   | Housing, Blower  |
| 3  | 134C1075    | 1           | 1 |   |   |   | Housing, Cylinder Air - R.H.                                   |
| 3  | 134D1645    |             |   | 1 | 1 | 1 | Housing, Cylinder Air - R.H.                                   |
| 4  | 134B670     | 1           | 1 | 1 |   | 1 | Baffle, Air  |
| 5  | 517-9       | 1           |   |   |   |   | Button, Dot  |
| 6  | 134D1638    |             |   | 1 |   | 1 | Shield, Heat - R.H.  |
| 7  | 134D1639    |             |   | 1 |   | 1 | Shield, Heat - L.H.  |
| 8  | 517-35      |             |   | 1 | 1 | 1 | Button, Dot - Timing Hole                                      |
| 9  | 508-84      |             |   |   | 1 |   | Grommet, Rubber - Oil Line                                     |
| FIG. L - START MOTOR & ALTERNATOR GROUP  |             |             |   |   |   |   |  |
| 1  | 191C129     | 1           |   |   |   |   | Flange, Starter Mounting                                       |
| 2  | 191C575     |             | 1 |   |   | 1 | Bracket, Starter and Alternator Mounting                       |
| 3  | 191C150     | 1           | 1 |   |   |   | Motor, Starter (See Separate Group for Components)             |
| 3  | 191C511     |             |   | 1 |   | 1 | Motor, Starter (See Separate Group for Components)             |
| 4  | 191-543     |             | 1 |   |   |   | Alternator, Battery Charging - 12-V                            |
| 4  | 191-620     |             |   | 1 |   |   | Alternator, Battery Charging - 12-V (Less Pulley & Regulator)  |
| 4  | 191P660     |             |   |   | 1 |   | Alternator, Battery Charging - 12-V (Less Pulley & Regulator)  |
| 5  | 191-542     |             | 1 |   |   |   | Regulator, Voltage - 12-V                                      |
| 6  | 191-544     |             | 1 |   |   |   | Cable, Alternator Connector                                    |
| 7  | 511-76      |             | 1 |   | 1 |   | Belt, Alternator   |
| 8  | 191B576     |             | 1 |   | 1 |   | Tightener, Belt  |
| 9  | 191-621     |             | 1 |   | 1 |   | Regulator, Voltage - 12-V                                      |
| 10   | 191-622     |             | 1 |   | 1 |   | Pulley, Alternator   |
| FIG. M - START MOTOR PARTS GROUP   |             |             |   |   |   |   |  |
| NOTE: Order component parts marked * from your nearest Prestolite dealer, giving Prestolite No. listed after the part description, also furnish Prestolite |             |             |   |   |   |   |  |
| 191C150  | 1           | 1           |   | 1 |   | 1 | Motor, Starter   |
| 191C511  |             |             | 1 |   |   |   | Motor, Starter   |

# PARTS LIST

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| REF.<br>NO.   | PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION   |
|---|-------------|-------------|---|---|---|---|---|
|   |             | A           | B | C | D | E |   |
| FIG. M - START MOTOR PARTS GROUP (Cont.)  |             |             |   |   |   |   |   |
| 1   | 191-517     | 1           | 1 | 1 |   | 1 | Armature  |
| 2   | *           | 1           | 1 | 1 |   | 1 | Coil Assembly Package, Field - #P20-14                      |
| 3   | 191-513     | 1           | 1 | 1 |   | 1 | Brush Set, Service  |
| 4   | *           | 1           | 1 | 1 |   | 1 | Head Assembly, Brush End - #P19-27                          |
| 5   | *           | 1           | 1 | 1 |   | 1 | Band, Cover - #P36-321                                      |
| 6   | *           | 1           | 1 | 1 |   | 1 | Bearing Assembly, Intermediate - #P36-4                     |
| 7   | 191P271     | 1           | 1 | 1 |   | 1 | Drive Assembly, Bendix                                      |
| 8   | *           | 1           | 1 |   |   | 1 | Housing, Pinion - #P21-156                                  |
| 8   | *           |             |   | 1 |   | 1 | Housing, Pinion - #P21-277                                  |
| 9   | *           | 1           | 1 | 1 |   | 1 | Bearing, Drive End - #P24-23                                |
| 10  | *           | 1           | 1 | 1 |   | 1 | Spring Set, Brush (Set of 4) - #P50-263                     |
| 11  | *           | 1           | 1 | 1 |   | 1 | Washer, Armature Thrust (Pkg. - Use as Required) - #P90-263 |
| 12  | *           | 1           | 1 | 1 |   | 1 | Terminal, Stud (Pkg.) - #P90-333                            |
| BATTERY CHARGING ALTERNATOR PARTS GROUP (Not Illustrated)   |             |             |   |   |   |   |   |
| <p>NOTE: Order component parts marked * from your nearest dealer, giving manufacturers No. listed after the part description, also check nameplate and furnish manufacturers alternator No.</p> |             |             |   |   |   |   |   |
| 191-543   |             | 1           |   |   |   |   | Alternator, Battery Charge - 12-V Motorola                  |
| 191-620   |             |             | 1 |   |   |   | Alternator, Battery Charge - 12-V Prestolite                |
| 191P660   |             |             |   | 1 |   |   | Alternator, Battery Charge - 12-V Prestolite                |
| *   |             | 1           |   |   |   |   | Bearing, Ball-Brush End - #11-2                             |
| *   |             |             | 1 | 1 |   |   | Bearing, Ball-Brush End - #X-3433                           |
| *   |             | 1           |   |   |   |   | Bearing, Ball - Drive End - # 11-1                          |
| *   |             |             | 1 | 1 |   |   | Bearing, Ball - Brush End - #X-3416                         |
| *   |             | 4           |   |   |   |   | Bolt, Housing Thru - # 20-1                                 |
| *   |             |             | 1 | 1 |   |   | Bolt Package, Thru - #ALA-20BS                              |
| *   |             | 1           |   |   |   |   | Brush & Holder Assembly - # 3-1                             |
| *   |             |             | 1 | 1 |   |   | Brush & Holder Assembly - #ALE-1045                         |
| *   |             | 1           |   |   |   |   | Cover, Brush Holder - #3-3                                  |
| *   |             |             | 1 | 1 |   |   | Brush Set - #ALE-1012KS                                     |
| *   |             |             | 1 | 1 |   |   | Spring Set, Brush - #ALA-19S                                |
| *   |             | 1           |   |   |   |   | Diode Assembly, Isolation - #1-3                            |
| *   |             |             | 1 | 1 |   |   | Diode, Output - #P90-761                                    |
| *   |             | 1           |   |   |   |   | Diode Assy., Negative (3 diodes with black print) - #1-2    |
| *   |             |             | 1 |   |   |   | Diode, Negative - Isolation - #XA-944C                      |
| *   |             |             |   | 3 |   |   | Diode, Negative - #XA-944J                                  |
| *   |             | 1           |   |   |   |   | Diode Assy., Positive (3 diodes with red print) - #1-1      |
| *   |             |             | 3 |   |   |   | Diode, Positive - #XA-943C                                  |
| *   |             |             |   | 3 |   |   | Diode, Positive - #XA-943F                                  |
| *   |             | 1           |   |   |   |   | Fan, Ventilation - #7-8                                     |
| *   |             |             | 1 | 1 |   |   | Fan, Ventilation - #PU-625                                  |
| *   |             | 1           |   |   |   |   | Housing, Front - #14-1                                      |
| *   |             |             | 1 |   |   |   | Housing, Front - #ALE-1043E                                 |
| *   |             |             |   | 1 |   |   | Housing, Front - #ALE-1043K                                 |
| *   |             | 1           |   |   |   |   | Housing, Rear - #14-2                                       |

## PARTS LIST

| REF. PART<br>NO. | QUANT. USED |   |   |   |   | DESCRIPTION  |
|------------------|-------------|---|---|---|---|--|
|                  | A           | B | C | D | E |  |
|                  |             |   |   |   |   | BATTERY CHARGING ALTERNATOR PARTS GROUP (Not Illustrated) (Cont.)                                    |
| *                |             |   | 1 |   |   | Housing, Rear - # ALE-1042GS   |
| *                |             |   |   | 1 |   | Housing, Rear - # ALE-1042ES   |
| *                |             | 2 |   |   |   | Insulator Sleeve - Pos. Diode Mtg. Stud - #15-1  |
| *                |             | 1 |   |   |   | Nut, Rotor Shaft - #20 - 4   |
| *                |             | 1 |   | 1 |   | Nut, and Washer Package - #P90-33  |
| *                |             | 1 |   |   |   | Pulley - #7-1  |
| *                |             | 1 |   | 1 |   | Pulley - #PU-668 (Not Included with Alternator)  |
| *                |             | 1 |   |   |   | Retainer, Rear Bearing - Rubber - #11-4  |
| *                |             | 1 |   |   |   | Seal, "O" Ring - #XA-744AN   |
| *                |             | 1 |   |   |   | Rotor Assembly - #12-1   |
| *                |             | 1 |   | 1 |   | Rotor Assembly - #ALK-2046   |
| *                |             | 1 |   |   |   | Spacer, Fan & Pulley - #20-6   |
| *                |             | 1 |   | 1 |   | Spacer, Fan & Pulley - #ALC-21D  |
| *                |             | 1 |   |   |   | Stator Assembly - #13-1  |
| *                |             | 1 |   |   |   | Stator Assembly - #ALE-2008M   |
| *                |             | 1 |   |   |   | Retainer, Front Bearing - #11-3  |
| *                |             | 1 |   |   |   | Plate, Rectifier - #ALE-54   |
| *                |             |   | 1 |   |   | Plate, Rectifier - #ALE-54B  |
| *                |             | 1 |   | 1 |   | Insulation, Brush Holder Cover - #ALE-55   |
| *                |             | 1 |   | 1 |   | Terminal Stud & Parks Pkg. - #P90-511A   |
|                  |             |   |   |   |   | SERVICE KITS AND MISCELLANEOUS   |
|                  |             |   |   |   |   | For other kits refer to the group for the part in question.  |
| 168K67           | 1           | 1 | 1 |   |   | Gasket Kit, Complete Engine (Except, Carburetor Adapter to Manifold Gasket 145B266 is not included). |
| 168K88           |             |   |   | 1 |   | Gasket Kit, Complete Engine  |

TO ADD GOVERNOR ON CCK-MS/1070F. to make it 1204F

| QTY. | PART NO. | DESCRIPTION           | UNIT PRICE |
|------|----------|-----------------------|------------|
| 1    | 103 207  | GEARCASE              |            |
| 1    | 105 192  | GEAR SET              |            |
| 1    | 105B234  | CAMSHAFT              |            |
| 1    | 150A40   | BRACKET               |            |
| 1    | 150A78   | RING                  |            |
| 1    | 150A96   | STUD                  |            |
| 1    | 150A98   | SPRING                |            |
| 1    | 150B612  | CUP <del>100003</del> |            |
| 1    | 150A630  | LINKAGE               |            |
| 2    | 160A724  | WEIGHT                |            |
| 1    | 160A725  | CAM                   |            |
|      | 160A999  |                       |            |
| 1    | 160A727  | SPRING                |            |
| 5    | 510P15   | BEARING               |            |
| 1    | 515 1    | KEY                   |            |
| 2    | 516 145  | PIN                   |            |
| 2    | 516A146  | PIN                   |            |
| 1    | 518 6    | CLIP                  |            |
| 2    | 518 185  | RING                  |            |
| 1    | 870 131  | NUT <del>100003</del> |            |
| 1    | 110A1283 | Cover                 |            |
|      |          |                       |            |
|      |          |                       |            |
|      |          |                       |            |
|      |          |                       |            |